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Terms: **patno=5861386** ([Edit Search](#))

907658 (08) 5861386 January 19, 1999

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5861386

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January 19, 1999

Method for treating and preventing secondary hyperparathyroidism

CERT-CORRECTION: July 13, 1999 - a Certificate of Correction was issued for this patent
April 23, 2002 - a Certificate of Correction was issued for this patent (O.G. May 14, 2002)


APPL-NO: 907658 (08)

FILED-DATE: August 8, 1997

GRANTED-DATE: January 19, 1999

ASSIGNEE-AT-ISSUE: Bone Care International, Inc., Madison, Wisconsin, United States (US), 02

CORE TERMS: sub, vitamin, serum, patient, calcium, dosage, bone, compound, analog, renal ...

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=5861386** ([Edit Search](#))

View: **Custom**

Segments: Assignee, Cert-correction, Reexam-cert, Reexam-litigate

Date/Time: Friday, February 18, 2005 - 12:42 PM EST

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Jiang 5,861,386

109C25

Print Request: Current Document: 1

Time of Request: February 18, 2005 12:43 PM EST

Number of Lines: 27

Job Number: 1842:32517580

Client ID/Project Name:

Research Information:

Utility, Design and Plant Patents
patno=5861386

Send to: ARNOLD, DEIRDRE
PATENT & TRADEMARK OFFICE
MADISON BLDG WEST
600 DULANY ST RM 1C09
ALEXANDRIA, VA 22314

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

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[Link to Claims Section](#)

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Print Request: All Documents

Time of Request: February 18, 2005 12:48 PM EST

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Job Number: 1842:32518396

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Research Information:

News, All (English, Full Text)
5,861,386 or 5861386

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1 of 8 DOCUMENTS

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February 26, 2000; Saturday

SECTION: Washington - general news

LENGTH: 586 words

HEADLINE: State 'Accountability Grants'

BYLINE: The Associated Press

BODY:

...N.J.	3,078,484 5,370,717
N.M.	1,152,065 2,264,894
N.Y.	12,807,331 25,729,301
N.C.	2,567,507 4,820,197
N.D.	343,794 611,328
Ohio	5,241,730 9,064,523
Okla.	1,673,782 3,111,992
Ore.	1,188,629 2,029,704
Pa.	5,861,386 10,546,006
P.R.	4,552,211 8,622,516
R.I.	429,889 779,056
S.C.	1,738,421 3,282,294
S.D.	342,249 630,894
Tenn.	2,334,502 4,105,508
Texas	11,618,707 22,556,841
Utah	612,242 953,999
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February 26, 2000, Saturday, PM cycle

SECTION: Washington Dateline

LENGTH: 1079 words

BYLINE: By The Associated Press

BODY:

...N.J.	3,078,484	5,370,717
N.M.	1,152,065	2,264,894
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N.C.	2,567,507	4,820,197
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N.C.	2,567,507	4,820,197
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Okla.	1,673,782	3,111,992
Ore.	1,188,629	2,029,704
Pa.	5,861,386	10,546,006
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Tenn.	2,334,502	4,105,508
Texas	11,618,707	22,556,841
Utah	612,242	953,999
Vt.	307,016	561,789 ...

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February 26, 2000; Saturday

LENGTH: 1696 words

AGENCY: WHITE HOUSE

SIC-MAJOR-GROUP: 09 - General Classification

HEADLINE: PRESIDENT CLINTON BOLSTERS NATIONAL EFFORT TO TURN AROUND FAILING
SCHOOLS BY DEMANDING MORE FROM THEM AND INVESTING MORE IN THEM

CONTACT: 202-456-7150

BODY:

...Mexico	1,152,065	2,264,894
New York	12,807,331	25,729,301
North Carolina	2,567,507	4,820,197
North Dakota	343,794	611,328
Ohio	5,241,730	9,064,523
Oklahoma	1,673,782	3,111,992
Oregon	1,188,629	2,029,704
Pennsylvania	5,861,386	10,546,006
Rhode Island	429,889	779,056
South Carolina	1,738,421	3,282,294
South Dakota	342,249	630,894
Tennessee	2,334,502	4,105,508
Texas	11,618,707	22,556,841
Utah	612,242	953,999
Vermont	307,016	561,789 ...

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February 26, 2000; Saturday

LENGTH: 788 words

AGENCY: U.S. DEPARTMENT OF EDUCATION

SIC-MAJOR-GROUP: 09 - General Classification

HEADLINE: CLINTON RELEASES U.S. DEPARTMENT OF EDUCATION GUIDANCE ON TURNING
AROUND LOW-PERFORMING SCHOOLS

CONTACT: (202) 401-1008

BODY:

...Mexico 1,152,065 2,264,894 New York 12,807,331 25,729,301 North Carolina
2,567,507 4,820,197 North Dakota 343,794 611,328 Ohio 5,241,730 9,064,523
Oklahoma 1,673,782 3,111,992 Oregon 1,188,629 2,029,704 Pennsylvania
5,861,386 10,546,006 Rhode Island 429,889 779,056 South Carolina 1,738,421
3,282,294 South Dakota 342,249 630,894 Tennessee 2,334,502 4,105,508 Texas
11,618,707 22,556,841 Utah 612,242 953,999 Vermont 307,016 561,789 ...

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February 26, 2000; Saturday

LENGTH: 787 words

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Oklahoma 1,673,782 3,111,992 Oregon 1,188,629 2,029,704 Pennsylvania
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3,282,294 South Dakota 342,249 630,894 Tennessee 2,334,502 4,105,508 Texas
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8 of 8 DOCUMENTS

Copyright 1999 Madison Newspapers, Inc.
Wisconsin State Journal (Madison, WI)

March 11, 1999, Thursday, ALL EDITIONS

SECTION: Business Thursday, Pg. 6F

LENGTH: 1165 words

HEADLINE: PATENTS

BODY:

...Jan Ellen O., St. Paul, MN; Levius, Dezso K., Bloomington, MN

ASSIGNEE: Iotek, Inc., Minneapolis, MN

TITLE: METHOD FOR TREATING AND PREVENTING SECONDARY HYPERPARATHYROIDISM

PATENT NO.: 5,861,386

INVENTOR: Knutson, Joyce C., Madison, WI; Bishop, Charles W., Verona, WI; Mazess, Richard B., Madison,
WI

ASSIGNEE: Bone Care International, Inc.,

TITLE: DIE CASTING MACHINES ...

109C25

***** Print Completed *****

Time of Request: February 18, 2005 12:48 PM EST

Print Number: 1842:32518396

Number of Lines: 235

Number of Pages:

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Jiang 5,861,386 18/02/2005

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Search statement 1

Query/Command : us5861386/pn

** SS 1: Results 1

Search statement 2

Query/Command : PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US5861386 A 19990119 [US5861386]

Title :

(A) Method for treating and preventing secondary hyperparathyroidism

Patent Assignee :

(A) BONE CARE INT INC (US)

Patent Assignee :

Bone Care International, Inc., Madison WI [US]

Inventor(s) :

(A) KNUTSON JOYCE C (US); BISHOP CHARLES W (US); MAZESS RICHARD B (US)

Application Nbr :

US90765897 19970808 [1997US-0907658]

Filing Details :

Cont. of US798958 19970211 [1997US-0798958]

Cont. of US415488 19950403 [1995US-0415488]

C.I.P. of US119895 19930910 [1993US-0119895]

Cont. of US812056 19911217 [1991US-0812056] (Abandoned)

Cont. of US569412 19900817 [1990US-0569412]

Cont. of US227371 19880802 [1988US-0227371] (Abandoned)

Continuation of: US5707980

Continuation of: US5602116

Continuation-in-part of: US5403831

Continuation of: US5104864

Priority Details :

US90765897 19970808 [1997US-0907658]

US79895897 19970211 [1997US-0798958]

US41548895 19950403 [1995US-0415488]

US11989593 19930910 [1993US-0119895]

US81205691 19911217 [1991US-0812056]

US56941290 19900817 [1990US-0569412]

US22737188 19880802 [1988US-0227371]

Intl Patent Class :

(A) A61K-031/59

EPO ECLA Class :

A61K-031/59 &A

A61K-031/59 &M

A61K-031/59

A61K-031/59H

A61K-031/66 &M

A61K-031/70Z5 &M

A61K-033/00 &M

A61K-033/06 &M

A61K-033/16 &M

A61K-033/22 &M

A61K-038/23 &M

US Patent Class :

ORIGINAL (O) : 514167000

Document Type :

Corresponding document

Citations :

US3907843; US4195027; US4202829; US4225596; US4234495; US4260549;

US4554106; US4555364; US5063221; US5707980

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Biochem. J., vol. 310, No. 1 (Aug. 15, 1995) pp. 233-241.

Endocrinology, vol. 136, No. 11 (Nov. 1995) pp. 4749-4753.

Publication Stage :

(A) United States patent

Abstract :

A method for preventing loss of bone mass or bone mineral content in a human being suffering from secondary hyperparathyroidism by administering a sufficient amount of 1 alpha -OH vitamin D₂, 1 alpha ,24(S)-(OH)₂ vitamin D₂, 1 alpha -OH vitamin D₄ or 1 alpha ,24(R)-(OH)₂ vitamin D₄.

1 / 1 LGST - ©EPO

Patent Number :

US5861386 A 19990119 [US5861386]

Application Number :

US90765897 19970808 [1997US-0907658]

Action Taken :

19990713 US/CC-A

CERTIFICATE OF CORRECTION

20040427 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040128

Update Code :

2004-20

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

5,861,386 A 19990119 [US5861386]

Patent Assignee :

Bone Care International Inc

Actions :

20040128 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040427
REISSUE REQUEST NUMBER: 10/766749
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1614

Reissue Patent Number:

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